

- LEGEND**
- 0.002 DRAINAGE AREA (hectares)
  - R-1 DRAINAGE AREA ID
  - 0.95 RUN-OFF COEFFICIENT
  - STORM DRAINAGE AREA
  - STM 400 PROPOSED STORM MANHOLE AND SEWER
  - CBM 100 PROPOSED CATCHBASIN MANHOLE AND SEWER
  - CB 1 PROPOSED CATCHBASIN AND LEAD
  - E CB 300 PROPOSED END CATCH BASIN GRATE AND PERFORATED SUB-DRAIN
  - T CB 302 PROPOSED 'T' INTERSECTION CATCH BASIN GRATE AND PERFORATED SUB-DRAIN
  - STM EXISTING STORM MANHOLE AND SEWER
  - CB EXISTING CATCH BASIN AND LEAD
  - CBM EXISTING CATCH BASIN MANHOLE AND SEWER
  - RD PROPOSED ROOF DRAIN
  - PD PROPOSED PODIUM DRAIN

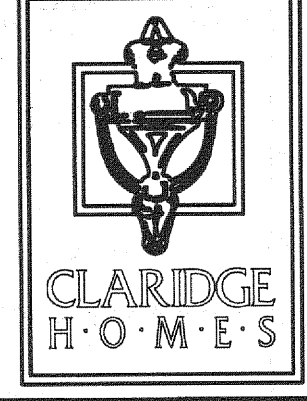
**ROOF DRAIN TABLE**

AREA ID	ZURN SPECIFICATION	NOTCHES	ZURN ROOF DRAIN CONTROL PARAMETERS				
			5-YEAR EVENT		100-YEAR EVENT		
			HEAD(m)	Q(m³/s)	HEAD(m)	Q(m³/s)	
R-1	ZCF121-1W-X4-Z-105-10-77	1	0.10	0.36	1.34	0.12	0.46
R-2	ZCF121-1W-X4-Z-105-10-77	1	0.10	0.37	1.18	0.13	0.47
R-3	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.40	1.31	0.14	0.51
R-4	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.62	1.72	0.14	0.96
R-5	ZCF121-1W-X4-Z-105-10-77	1	0.12	0.44	4.44	0.15	0.56
R-6	ZCF121-1W-X4-Z-105-10-77	1	0.10	0.38	1.01	0.13	0.49
R-7	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.43	2.83	0.15	0.54
R-8	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.40	1.53	0.14	0.51
R-9	ZCF121-1W-X4-Z-105-10-77	1	0.07	0.28	0.07	0.10	0.38
R-10	ZCF121-1W-X4-Z-105-10-77	1	0.08	0.28	0.08	0.11	0.39
TOTAL			4.16	15.92			5.36

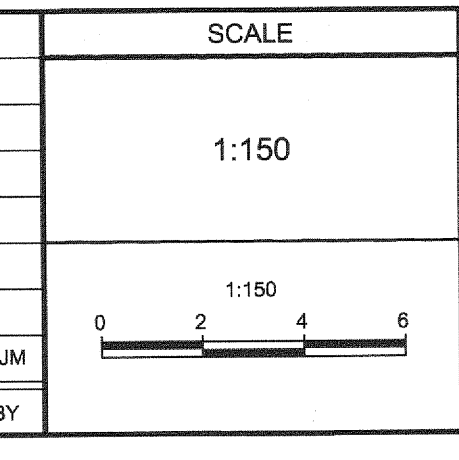
ROOF AREAS R-1 TO R-10 WILL HAVE CONTROLLED ROOF DRAINS WHICH WILL DIRECT RUNOFF TO THE OUTLET VIA THE BUILDINGS INTERNAL PIPES.

**NOTE:**  
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

**CLARIDGE HOMES**  
 CLARIDGE HOMES SUITE 2001, 210 GLADSTONE AVENUE, OTTAWA, ONTARIO K2P 0Y6.



No.	REVISION	mm/dd/yy	BY
01	ISSUED WITH SITE PLAN APPLICATION	11/25/11	GJM



DESIGN	DAS	<b>FOR REVIEW ONLY</b>
CHECKED	GJM	
DRAWN	MAY	
CHECKED	JAG	
APPROVED	GJM	



LOCATION: CITY OF OTTAWA  
 NEPEAN STREET RESIDENTIAL DEVELOPMENT  
 96 NEPEAN STREET

DRAWING NAME: **STORM WATER MANAGEMENT PLAN**

PROJECT No: 111153-00  
 REV: REV # 01  
 DRAWING No: 111153-STM